

**FEDERAL COMMUNICATIONS  
COMMISSION  
International Bureau  
WASHINGTON, D.C. 20554**

fax: +1 202 887 6113; TWX: 710 822 0160  
cable: FEDCOMCOM

IN REPLY REFER TO:  
800C2

March 15, 1995

Mr. Michael Binder  
Assistant Deputy Minister  
Spectrum, Information Technologies  
and Telecommunications  
Industry Canada  
300 Slater Street  
Ottawa, Ontario  
K1A 0C8  
CANADA

Dear Mr. Binder:

The Federal Communications Commission (FCC) and National Telecommunications and Information Administration (NTIA) of the United States of America have jointly developed an arrangement to formalize coordination with Industry Canada (IC) of frequency assignments in the 17.7 to 19.7 and 21.2 to 23.6 GHz bands. An informal arrangement, based on discussions between representatives from both countries in Radio Technical Liaison Committee (RTLCL) meetings, has been utilized for nearly six years.

On behalf of Scott Blake Harris, Chief, International Bureau, Federal Communications Commission and Richard D. Parlow, Associate Administrator, National Telecommunications and Information Administration, United States Department of Commerce, I am forwarding for your consideration an arrangement which we believe will satisfy both countries' spectrum needs in the 17.7 to 19.7 and 21.2 to 23.6 GHz bands. This arrangement would be applied provisionally until the definitive entry into force of a replacement for the *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex (*Above 30 MHz Agreement*), as amended.<sup>1</sup>

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<sup>1</sup> Exchange of Notes at Ottawa, October 24, 1962. Entered into force October 24, 1962.  
USA: *Treaties and Other International Acts Series* (TIAS) 5205; CAN: *Canada Treaty Series* (CTS) 1962 No. 15.

*Agreement Revising the Technical Annex to the Agreement of October 24, 1962*  
(TIAS 5205/CTS 1962 No. 15). Effected by Exchange of Notes at Ottawa, June 16 and 24, 1965.  
Entered into force June 24, 1965. USA: TIAS 5833 / CAN: CTS 1962 No. 15.

If the enclosed arrangement is acceptable to your agency, we propose that it constitute a formal arrangement modifying the "Technical Annex" of *Above 30 MHz Agreement*. The Arrangement will become effective upon receipt of your signed copy of the enclosed Arrangement.

Sincerely,

Aileen A. Pisciotta  
Chief,  
Planning and Negotiation Division  
International Bureau

Enclosure

**ARRANGEMENT BETWEEN THE FEDERAL COMMUNICATIONS COMMISSION AND  
THE NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION  
OF THE UNITED STATES OF AMERICA, AND INDUSTRY CANADA  
CONCERNING THE COORDINATION OF FIXED AND MOBILE STATIONS OPERATING IN SPECIFIC BAND  
SEGMENTS BETWEEN 17.7 GHz AND 23.6 GHz ALONG THE UNITED STATES - CANADA BORDER**

1. This Arrangement between the Federal Communications Commission of the United States of America (FCC), the National Telecommunications and Information Administration (NTIA) on the one hand, and Industry Canada (IC)<sup>1</sup> on the other hand, herein referred to as the Agencies, covers the coordination of fixed and mobile stations to be operated in specific band segments between 17.7 GHz and 23.6 GHz along the United States - Canada border.
- 1.1 The coordinating agency for the United States of America is the Federal Communications Commission while the coordinating agency for Canada is Industry Canada.
- 1.2 The relevant USA Agency and the Canadian Agency will coordinate with the other prior to licensing all stations in the fixed<sup>2</sup> and mobile services of its respective country which are to be operated in the bands segments 17.7 to 19.7 and 21.2 to 23.6 GHz within 55 km of the United States - Canada border.
- 1.3 This Arrangement is subject to review at any time at the request of either of the relevant USA Agency or the Canadian Agency.
- 1.4 Special coordination arrangements may be initiated under this Arrangement by either Agency and implemented subject to the approval of both Agencies.
- 1.5 This Arrangement will be applied provisionally until the definitive entering into force of a replacement for the *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex,<sup>3</sup> as amended<sup>4</sup> (*Above 30 MHz Agreement*).

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<sup>1</sup> Formerly the Department of Communications of Canada (DOC).

<sup>2</sup> Fixed also includes "temporary fixed" or "transportable fixed" whose area of operation is defined by either a point and radius or a rectangle.

<sup>3</sup> Exchange of Notes at Ottawa, October 24, 1962. Entered into force October 1962.  
USA: *Treaties and Other International Acts Series* (TIAS) 5205, CAN: *Canada Treaty Series* (CTS) 1962 No. 15.

<sup>4</sup> *Agreement Revising the Technical Annex to the Agreement of October 24, 1962* (TIAS 5205/CTS 1692 No. 15). Effected by Exchange of Notes at Ottawa, June 16 and 24, 1965. Entered into force June 24, 1965. USA: TIAS 5833 / CAN: CTS 1962 No. 15, as amended June 24, 1965.

1.6 With respect to the coordination of stations in the fixed and mobile services in the bands 17.7 to 19.7 and 21.2 to 23.6 GHz along the United States - Canada border and licensed by either FCC, NTIA or IC, this Arrangement supersedes the provisions of:

- (1) Item 71 of the "Technical Annex" to the *Above 30 MHz Agreement* which states that coordination is not required at this time for operations in the band 17.7-23.0 GHz;
  - (2) Item 72 of the "Technical Annex" to the *Above 30 MHz Agreement* which states that coordination for operations in the band 23.0-24.25 GHz are to be in accordance with "Arrangement C" (fixed RADARs) to the *Above 30 MHz Agreement*.
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For the Federal Communications Commission:

Date: March 3, 1995

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Scott Blake Harris  
Chief, International Bureau

For the National Telecommunications  
and Information Administration:

Date: March 13, 1995

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Richard D. Parlow  
Associate Administrator

For Industry Canada:

Date: July 8, 1995

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Michael Binder  
Assistant Deputy Minister  
Spectrum, Information Technologies  
and Telecommunications

It is agreed that the U.S. Coordination Agreement for Frequencies Above 30 MHz will be modified as soon as possible to include protection of fixed service and broadcasting-satellite receivers operating on either side of the border. This agreement is based upon the recognition that both the fixed service and the broadcasting-satellite service are primary in the 17.7-17.8 GHz band. The following provisions, to which both the U.S. and Canada agree, are designed to ensure the reasonable protection and operation of these services within each country:

1. The power flux density limit already established in Article 28 for this band will be applied to the BSS for the protection of the fixed service;
2. There will be a new ITU footnote ensuring protection of the BSS from FSS (Space-to-Earth) operations;
3. The BSS will not, except by mutual agreement, be implemented before 1 January 2007;
4. Neither country will authorize new fixed systems in this band, except under the conditions specified in 5 below; and,
5. Fixed systems operating in the band 17.7-17.8 GHz in either country will be required to make whatever adjustments are necessary so as to limit the aggregated power flux density of such systems into the neighboring country to -109 dB (W/m<sup>2</sup>) over any 1 MHz in this frequency band in any area where the BSS is in use. This value may be modified by mutual agreement.

Signed on

February 29, 1992

in Torremolinos, Spain

For the United States of America

For the Federal Communications Commission

For Canada and the Department of Communications